

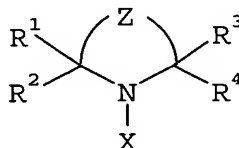
[CLAIMS]

1. An ink jet recording material comprising a support and at least one binder containing ink-receiving layer, characterized in that said at least one ink-receiving layer further contains a compound according to following general formula (I):



wherein,

- A is represented by following formula:



wherein :

Z represents the necessary atoms to complete a five- or six-membered ring,

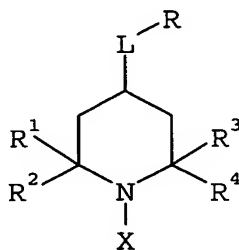
R¹ to R⁴ independently represent a substituted or unsubstituted C1 to C6 aliphatic group,

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO₂-alkyl group, and an acyloxy group;

- L is a divalent linking group, linked to the five- or six-membered ring by one of the atoms of Z, optionally by a double bond, wherein said divalent linking group comprises a nitrogen-nitrogen or nitrogen-oxygen bond,

- R represents a non aromatic moiety comprising at least two hydroxyl groups.

2. An ink jet recording material according to claim 1 wherein said compound is represented by following formula (II):



(II)

wherein,

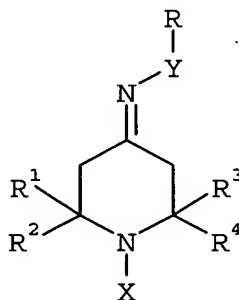
R¹ to R⁴ independently represent a substituted or unsubstituted C1 to C6 aliphatic group,

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO₂-alkyl group, and an acyloxy group,

L is a divalent linking group, linked to the six-membered ring optionally by a double bond, wherein said divalent linking group comprises a nitrogen-nitrogen or nitrogen-oxygen bond,

R represents a non aromatic moiety comprising at least two hydroxyl groups.

3. An ink jet recording material according to claim 2, wherein said compound is represented by following formula (V):



(V)

wherein,

R¹ to R⁴ independently represent a substituted or unsubstituted C1 to C6 aliphatic group,

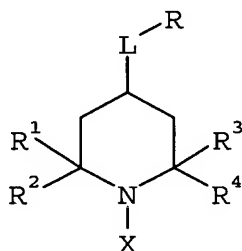
X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO₂-alkyl group, and an acyloxy group,

Y represents an oxygen or NR⁵; R⁵ is selected from the group consisting of a hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, a substituted or unsubstituted hetero-aromatic group, and an acyl group; and

R represents a non-aromatic moiety comprising at least two hydroxyl groups.

4. Ink-jet recording material according to claim 1, wherein said recording material further comprises a pigment in at least one ink-receiving layer.

5. Ink-jet recording material according to claim 4 wherein said pigment is an inorganic pigment.
6. Ink-jet recording material according to claim 5 wherein said inorganic pigment is chosen from the group consisting of silica, alumina, aluminum silicate, and aluminum trihydroxide.
7. Ink-jet recording material according to any of claims 1 to 6 wherein said binder is a polyvinyl alcohol.
8. A compound represented by formula (II):



(II)

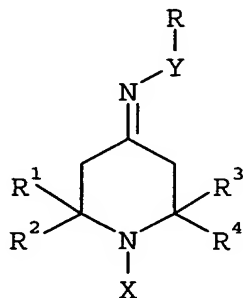
wherein,

R^1 to R^4 independently represent a substituted or unsubstituted C1 to C6 aliphatic group;

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group, an -OSO₂-alkyl group, and an acyloxy group;

L is a divalent linking group, linked to the six-membered ring with a single or a double bond, wherein said divalent linking group comprises a nitrogen-nitrogen or nitrogen-oxygen bond; and R represents a non-aromatic moiety comprising at least two hydroxyl groups.

9. Compound according to claim 8 represented by following formula (V):



(V)

wherein,

R¹ to R⁴ independently represent a substituted or unsubstituted C1 to C6 aliphatic group;

5 X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO₂-alkyl group, and an acyloxy group;

10 Y represents an oxygen or NR⁵; R⁵ is selected from the group consisting of a hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, a substituted or unsubstituted hetero-aromatic group, and an acyl group; and

R represents a non-aromatic moiety comprising at least two hydroxyl groups.